

## **Brush Creek AgNPS SALT Final Report (Laclede County)**

### **Water Quality Problems**

In the Brush Creek AgNPS SALT project, the major problems identified by the district included excessive sedimentation caused by erosion, improper management of concentrated manure produced by dairies and lack of management around sensitive streambanks.

### **Goals and Objectives**

The goals and objectives included promoting demonstration and education using BMPs for nutrient, stream and pasture resources. It also included plans to control undesirable vegetation in pasture, develop livestock water points and streambank stabilization.

### **Progress Completed**

The goals and objectives of the project were met using a variety of Best Management Practices (BMPs) and information/education activities.

### **BMPs**

- Grazing Land Management
  - 3,230 acres Pasture and Hayland Planting
  - 603 acres of Prescribed Grazing System
- Stream Protection
  - 11.7 miles of Filter Strips with Use Exclusion
- Animal Waste
  - 2 Animal Waste Management Systems

### **Information/Education Activities**

Information/Education has played a vital role in the watersheds promotion of conservation practices. Some of the information/Education included: newsletters, school presentations, field days and grazing school. The district also purchased a digital camera, which allowed them to obtain a quality collection of photos taken to demonstrate the problems in the watershed as well as the solutions.

### **Comments**

During the life of the project, Laclede County Soil and Water Conservation District also incorporated the use of ArcView GIS (Geographic Information System) 3.2. ArcView is

a mapping program that allows multiple data layers to be view simultaneously. The use of ArcView improved conservation planning process tremendously. All in all, the Brush Creek AgNPS SALT project was a great success.